



September 12, 2015

(b) (6)

Location Code: GKMTW386

(b) (6), (b) (9)

Durango, CO

Re: Groundwater Well Sampling Results

Dear (b) (6):

Thank you for participating in the private water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water sample(s) collected from your private water well. The water sample(s) were submitted to, and analyzed by, a private certified laboratory for the metals that could have been present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at <https://erams.com/wqtool/>.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to discuss your sample results with an EPA representative, please contact Deb McKean at (303) 579-4371.

Enclosure

CC:

Colorado Department of Public Health and Environment
San Juan Basin Health Department
San Juan County Public Health



October 13, 2015

(b) (6)

Location Code: GKMTW385

(b) (6), (b)

Durango, CO 81301

Re: Groundwater Well Sampling Results

Dear (b) (6)

Thank you for participating in the private drinking water well sampling conducted by the U.S. Environmental Protection Agency (EPA) in coordination with the Colorado Department of Public Health and Environment (CDPHE) and the San Juan Basin Health Department (SJBHD).

This letter provides the results for the water samples collected from your private water well. The water sample(s) were submitted to, and analyzed by, a private certified laboratory for the metals that could have been present in water from the Gold King Mine release.

The test results for your well water were compared to the National Drinking Water Standards, otherwise known as the Maximum Contaminant Levels (MCLs). The results of the analysis are provided in the enclosed table. Though these standards are intended for the evaluation of public water systems and therefore, do not apply to private domestic water wells such as yours, we have included the enclosed table so that you may compare the results with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

EPA has also established National Secondary Drinking Water Regulations that set non-mandatory water quality standards for 15 contaminants. EPA does not enforce these "secondary maximum contaminant levels" (MCLs). They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at the secondary maximum contaminant level. **None of these metals were present in the water sample(s) collected from your property above MCLs.**

The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at <https://erams.com/wqtool/>.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to



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Location Code: GKMTW385

(b) (6), (b)

Durango, CO 81301

Re: Groundwater Well Sampling Results

Dear (b) (6)

Thank you for participating in the Groundwater Well Sampling Results conducted by the U.S. Environmental Protection Agency and the Colorado Department of Public Health and Environment (SJBHD).

This letter provides the results of the groundwater well sampling conducted by the U.S. Environmental Protection Agency and the Colorado Department of Public Health and Environment (SJBHD). The water sample(s) were submitted to the SJBHD laboratory for the metals analysis that could have been present in your private water well. The results of the analysis are provided in the enclosed report for the evaluation of public drinking water systems such as yours, we have included the enclosed report with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

The test results for your groundwater well sampling are otherwise known as the results of the analysis are provided in the enclosed report for the evaluation of public drinking water systems such as yours, we have included the enclosed report with the Drinking Water Standards. **None of these metals were present in the water sample(s) collected from your property above a level of concern for human health exposure.**

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The Colorado Department of Public Health and Environment recommends using the Water Quality Interpretation Tool created by Colorado State University in collaboration with the Colorado Water Institute to get more information regarding the metals examined in your well. The Water Quality Interpretation Tool is available online at <https://erams.com/wqtool/>.

If you have any health related questions regarding these test results, please contact Flannery O'Neil with the San Juan Basin Health Department (SJBHD) at (970) 247-5702. If you would like to

SCRIBE CHANGE

Owner First Name
to Tom Bliss

... then, reprint

letter First Name
should be

"Tom Bliss"

ng conducted by the U.S.
rado Department of Public
artment (SJBHD).

our private water well. The
d laboratory for the metals
2.

Drinking Water Standards,
: results of the analysis are
for the evaluation of public
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with the Drinking Water

discuss your sample results with an EPA representative, please contact Dr. Deborah McKean at (303) 579-4371.

Sincerely,

US Environmental Protection Agency, Region 8

CC:

Colorado Department of Public Health and Environment

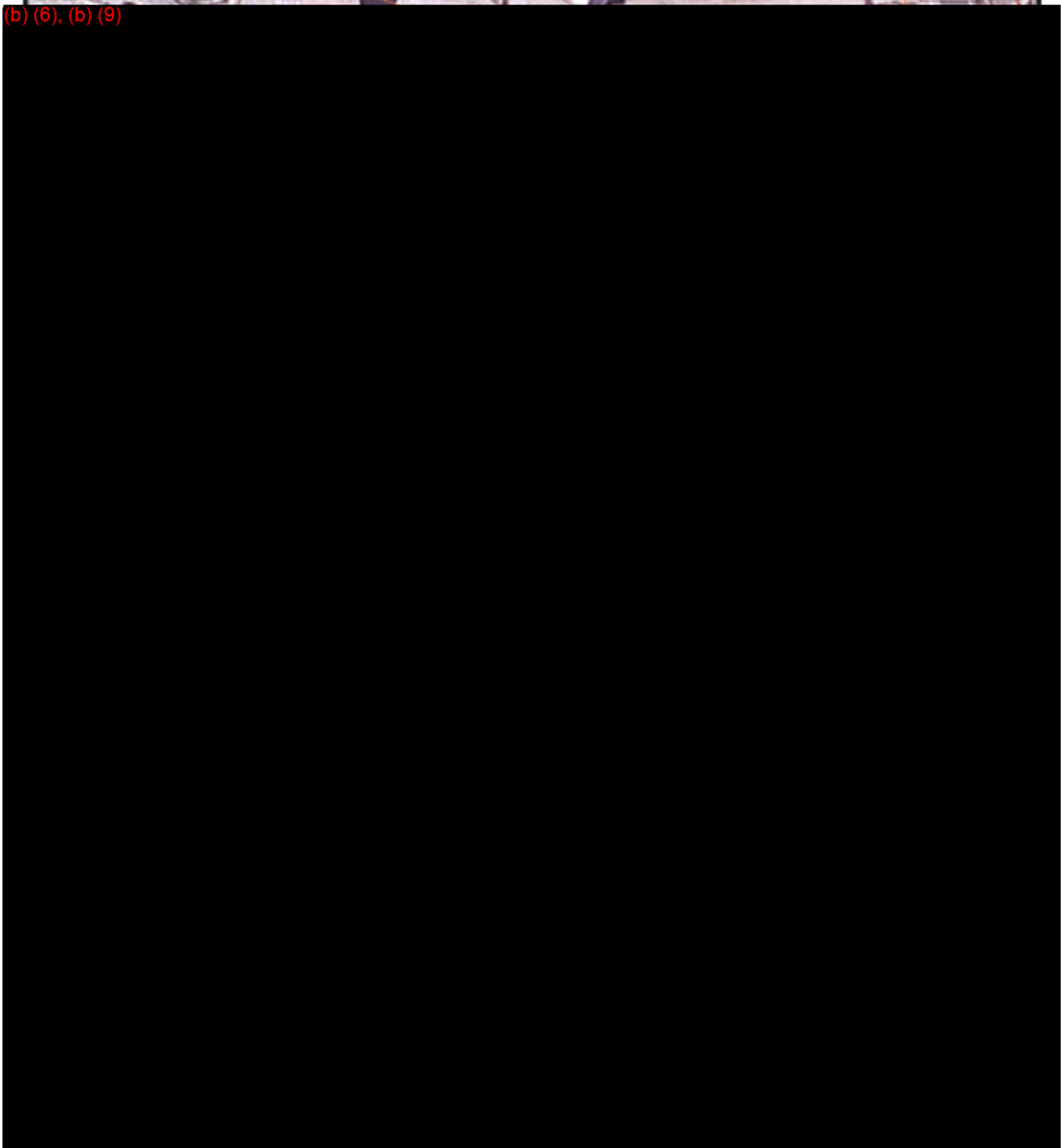
San Juan Basin Health Department

San Juan County Public Health

Water Sample ID: GKMTW387



(b) (6), (b) (9)



0 50 100 200 Feet

- Well Location
- Parcel Boundary



1:1,200

Map Created: 8/31/2015

1 inch = 100 feet

Analyte	Station ID Sample ID Sample Date Sample time Latitude Longitude				GKMTW386 GKMTW386_082315 8/23/2015 13:50 (b) (6), (b) (9)	
					Sub Location Well station near well 1	
Metals, Total	CAS NO	Units	Colorado Water Standard	EPA MCL	Lab Result	
Aluminum A,B	7429-90-5	ug/L	5000	200	24 U	
Antimony	7440-36-0	ug/L	6	6	0.4 U	
Arsenic	7440-38-2	ug/L	10	10	0.37 U	
Barium	7440-39-3	ug/L	2000	2000	18	
Beryllium	7440-41-7	ug/L	4	4	0.15 U	
Cadmium	7440-43-9	ug/L	5	5	0.043 U	
Calcium	7440-70-2	ug/L			17000	
Chromium	7440-47-3	ug/L	100	100	1 U	
Cobalt A	7440-48-4	ug/L	50		0.12 U	
Copper A	7440-50-8	ug/L	200	1300	12	
Iron A,B	7439-89-6	ug/L	5000	300	1800	
Lead A	7439-92-1	ug/L	100	15	1	
Magnesium	7439-95-4	ug/L			2000	
Manganese A,B	7439-96-5	ug/L	200	50	100	
Mercury	7439-97-6	ug/L	2	2	0.08 UJ	
Molybdenum	7439-98-7	ug/L			1.1	
Nickel A	7440-02-0	ug/L	200		1.7	
Potassium	7440-09-7	ug/L			2100	
Selenium	7782-49-2	ug/L	50	50	0.58 U	
Silver B	7440-22-4	ug/L		100	0.1 U	
Sodium	7440-23-5	ug/L			17000	
Thallium	7440-28-0	ug/L	2	2	0.11 J	
Vanadium A	7440-62-2	ug/L	100		0.49 J	
Zinc A,B	7440-66-6	ug/L	2000	5000	35	

A- CDPHE Agricultural Standards (Jan. 2013)

B- EPA Secondary MCL (May 2009)

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

ug/L - Parts per billion (micrograms per liter)

Highlighted Yellow: indicates result exceeded Screening Value

10/8/2015

5:02 PM

Analyte		Station ID				GKMTW386
		Sample ID				GKMTW386_082315
		Sample Date				8/23/2015
		Sample time				13:50
		Latitude				(b) (6), (b) (9)
		Longitude				
Metals, Total		CAS NO	Units	Colorado Water Standard	EPA MCL	Sub Location Well station near well 1 Lab Result
Aluminum	A,B	7429-90-5	ug/L	5000	200	24 U
Antimony		7440-36-0	ug/L	6	6	0.4 U
Arsenic		7440-38-2	ug/L	10	10	0.37 U
Barium		7440-39-3	ug/L	2000	2000	18
Beryllium		7440-41-7	ug/L	4	4	0.15 U
Cadmium		7440-43-9	ug/L	5	5	0.043 U
Calcium		7440-70-2	ug/L			17000
Chromium		7440-47-3	ug/L	100	100	1 U
Cobalt	A	7440-48-4				0.12 U
Copper	A	7440-50-8			00	12
Iron	A,B	7439-89-6			00	1800
Lead	A	7439-92-1			5	1
Magnesium		7439-95-4				2000
Manganese	A,B	7439-96-5			0	100
Mercury		7439-97-6			2	0.08 UJ
Molybdenum		7439-98-7				1.1
Nickel	A	7440-02-0				1.7
Potassium		7440-09-7				2100
Selenium		7782-49-2				0.58 U
Silver	B	7440-22-4				0.1 U
Sodium		7440-23-5				17000
Thallium		7440-28-0				0.11 J
Vanadium	A	7440-62-2				0.49 J
Zinc	A,B	7440-66-6		2000	5000	35

GKMTW321
ON SAME
PROPERTY
* Same GPS
coordinates

A- CDPHE Agricultural Standards (Jan. 2013)

B- EPA Secondary MCL (May 2009)

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

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